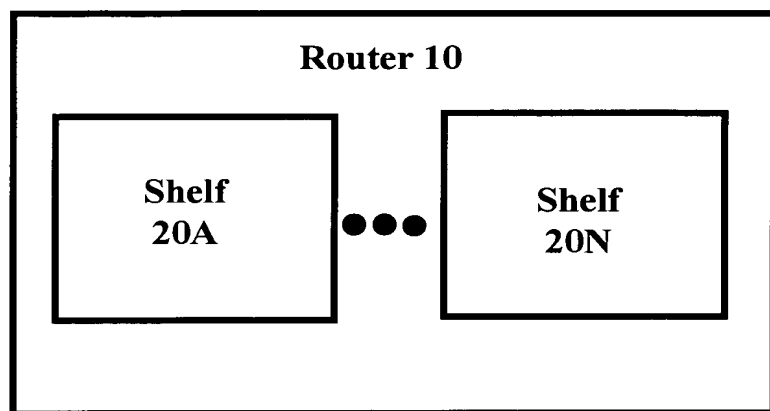
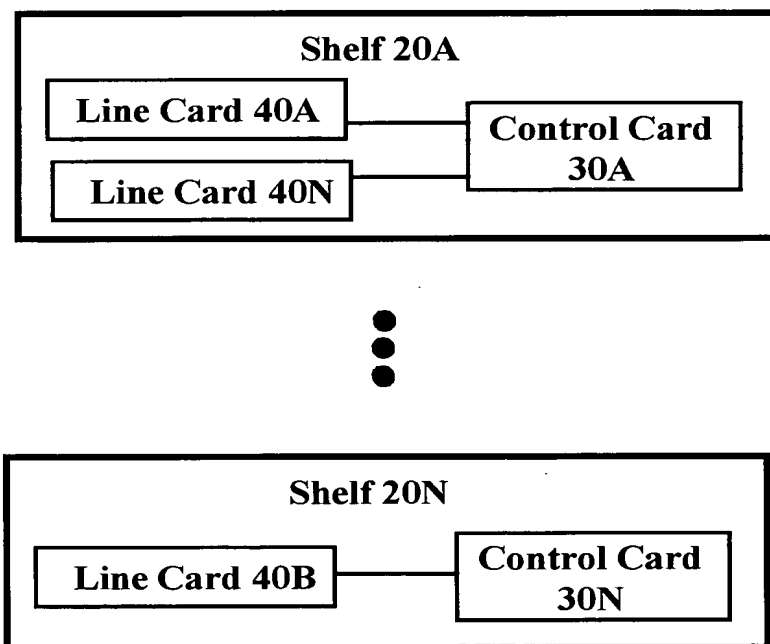


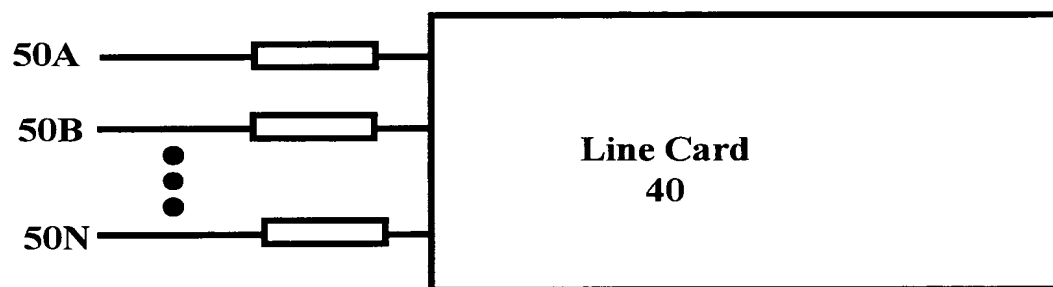
[illegible]

**Fig. 1A**



**Fig. 1B**

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 253. **Abstract</**



**Fig. 1C**

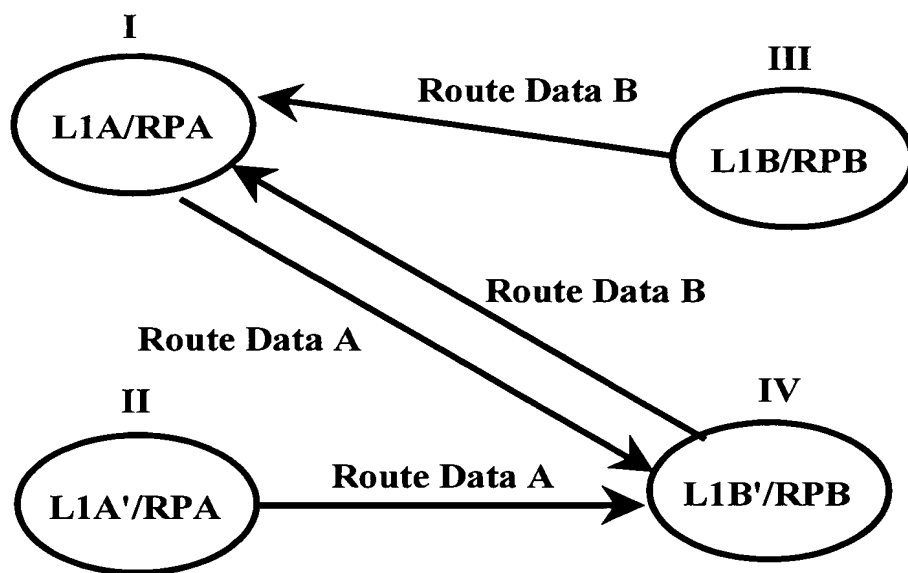
The diagram illustrates a multi-control card system. It consists of three control cards: Control Card A 30A, Control Card B 30B, and Control Card N 30N. Each card contains a route processor (RPA, RPB, RPN) and outputs route data (Route Data A, Route Data B, Route Data N). The cards are interconnected by ITC (Inter-Card Transfer Control) lines, forming a triangular topology. Control Card A 30A is connected to Control Card B 30B, and both are connected to Control Card N 30N.

```

graph TD
    A["Control Card A  
30A  
RPA  
Route Data A"] <-->|ITC| B["Control Card B  
30B  
RPB  
Route Data B"]
    A <-->|ITC| N["Control Card N  
30N  
RPN  
Route Data N"]
    B <-->|ITC| N
  
```

**Fig. 2**

000000" 4.000000



*Fig. 3*

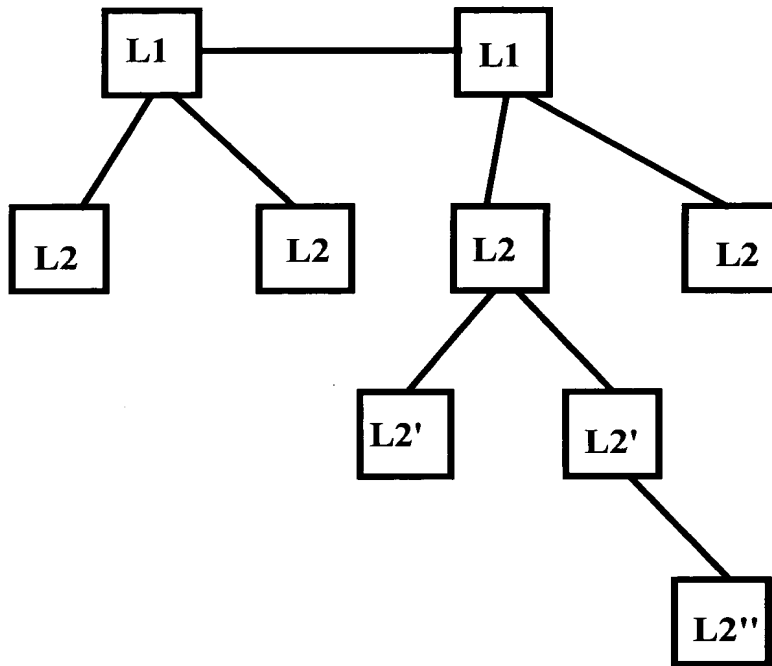
```

graph LR
    subgraph 30A
        RTMA[RTM A]
        RTMA -- (2) --> RTA[Route Table A]
        SA[Service A] -- (1) --> RTMA
    end
    subgraph 30B
        RTMB[RTM B]
        RTMB -- (3) --> RTB[Route Table B]
        SB[Service B] -- (4) --> RTB
    end
    RTMA -- (2) --> RTMB

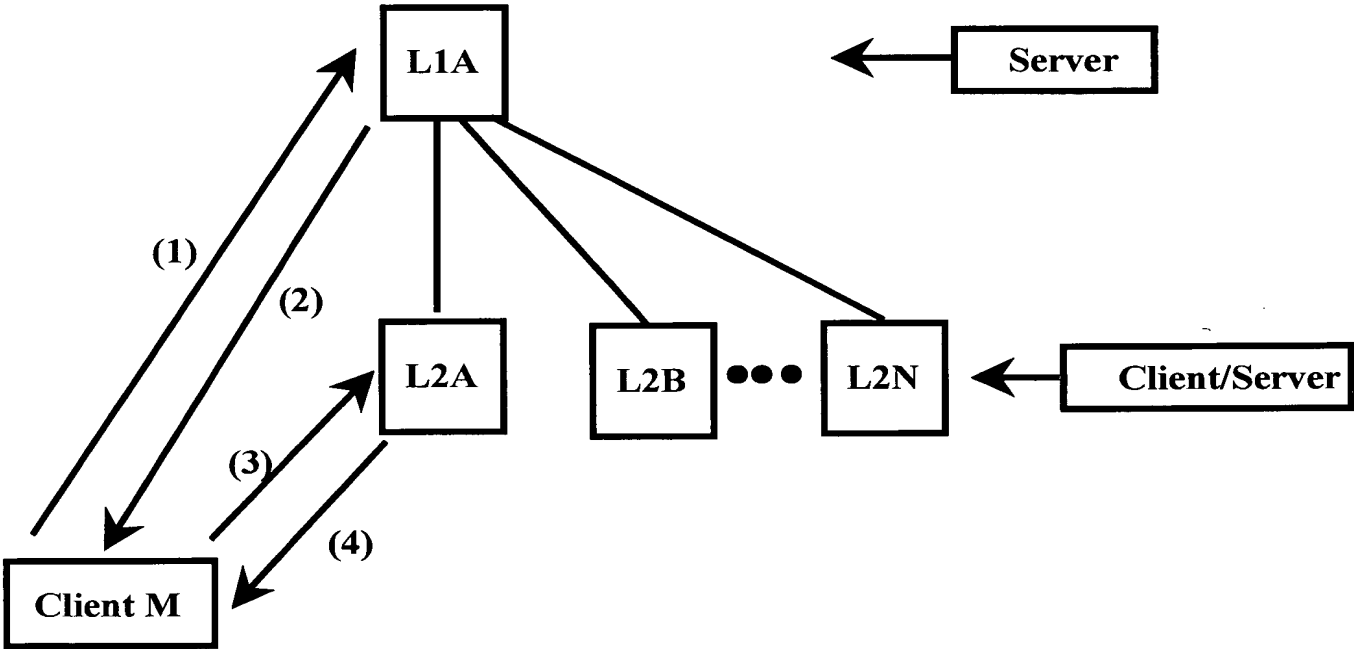
```

**Fig. 4**

**Abstract**



**Fig. 5**

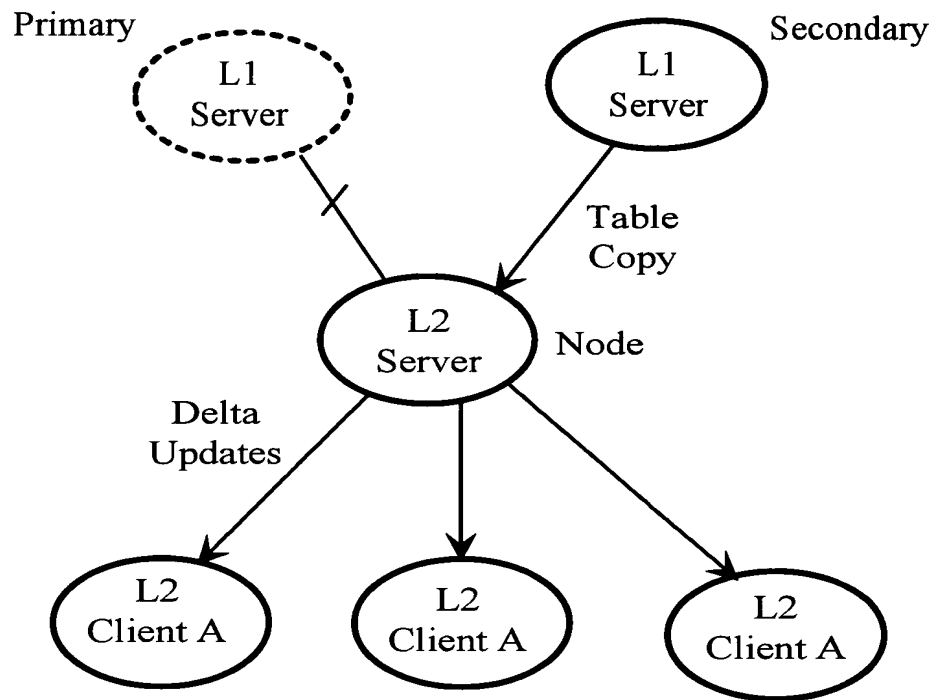
[illegible]

**Fig. 6**

```
graph TD; L1_Prim([L1 Server]) -- "Forwarding Entries" --> L2_Server([L2 Server]); L1_Sec([L1 Server]); L2_Server -- "Forwarding Entries" --> L2_Client1([L2 Client A]); L2_Server -- "Forwarding Entries" --> L2_Client2([L2 Client A]); L2_Server -- "Forwarding Entries" --> L2_Client3([L2 Client A]);
```

**Fig. 7A**





**Fig. 7B**

```
graph TD; 800[Run zero or more routing protocols on each of a 1st plurality of processors] --> 802[Register each of 1st plurality of processors with at least one other of 1st plurality of processors]; 802 --> 804[Exchange routing data between 1st plurality of processors to provide complete routing database]; 804 --> 806[Form forwarding database from complete routing database]; 806 --> 808[Propagate forwarding database from 1st plurality of processors to 2nd plurality of processors];
```

800

Run zero or more routing protocols on each of a 1st plurality of processors

802

Register each of 1st plurality of processors with at least one other of 1st plurality of processors

804

Exchange routing data between 1st plurality of processors to provide complete routing database

806

Form forwarding database from complete routing database

808

Propagate forwarding database from 1st plurality of processors to 2nd plurality of processors

**Fig. 8**